

WHAT IS CLAIMED IS:

1. A form identification method of identifying types of forms by checking matching of features of a plurality of forms which have previously been registered with features of inputted forms on the basis of position coordinates, comprising the steps of:

extracting one or a plurality of cells, lines, or character lines included in the form from the inputted forms;

extracting coordinates, as input features, of centers of the cells, lines, or character lines as said features of the forms;

rotating either said inputted feature or a registered feature of the form which has previously been registered on a 90° unit basis;

correcting said inputted feature by a micro angle on the basis of a micro inclination angle detected from the cells, lines, or character lines;

checking the matching of the inputted feature with the registered feature;

setting the angle at which said inputted feature most coincides with said registered feature to a direction of the inputted form; and

setting the type of form having the most coincident registered feature to a form identification result.

2. A method according to claim 1, wherein the direction of the inputted form having said most

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coincident angle is outputted.

3. A form identification method having identification control information for validating or invalidating line types of cells every registered form type or every cell of form, comprising the step of switching:

a control such that types of cell lines are extracted from inputted forms, a coincidence between said extracted cell line type and types of cell lines of the forms which have previously been registered is obtained, and the forms in which the types of cell lines are different even if shapes of cells are the same are identified as different types of forms; and

a control such that the forms in which the types of cell lines are different although the shapes of the cells are the same are identified as same type of forms.

4. A form identification method of checking matching of features of a plurality of forms which have previously been registered with features of inputted forms on the basis of position coordinates, thereby identifying types of forms, comprising the steps of:

enlarging and shrinking each position coordinates extracted as an inputted feature of the inputted forms in horizontal and vertical directions at a fixed magnification, or presuming a plurality of ratios of scaling (or magnifying and shrinking) in the horizontal or vertical direction and enlarging and shrinking the inputted feature at said presumed ratios

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of scaling;

setting the ratios of scaling at which the inputted feature most coincides with the registered feature of the form which has previously been registered to ratios of scaling of the inputted form; and

setting the type of form having the most coincident registered feature to a form identification result.

5. A method according to claim 4, wherein said most coincident ratios of scaling are outputted as ratios of scaling of the inputted form.

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